Lina M Obeid

List of Publications by Year in descending order

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258 papers	27,937 citations	4120 87 h-index	6113 159 g-index
262 all docs	262 docs citations	262 times ranked	20293 citing authors

#	Article	IF	Citations
1	1-Deoxysphinganine initiates adaptive responses to serine and glycine starvation in cancer cells via proteolysis of sphingosine kinase. Journal of Lipid Research, 2022, 63, 100154.	2.0	10
2	Neutral ceramidase deficiency protects against cisplatin-induced acute kidney injury. Journal of Lipid Research, 2022, 63, 100179.	2.0	8
3	Sphingosine kinase 1 downregulation is required for adaptation to serine deprivation. FASEB Journal, 2021, 35, e21284.	0.2	7
4	The doxorubicinâ€induced cell motility network is under the control of the ceramideâ€activated protein phosphatase 1 alpha. FASEB Journal, 2021, 35, e21396.	0.2	6
5	Ceramide kinase regulates TNF-Î±-induced immune responses in human monocytic cells. Scientific Reports, 2021, 11, 8259.	1.6	23
6	Loss of sphingosine kinase 1 increases lung metastases in the MMTV-PyMT mouse model of breast cancer. PLoS ONE, 2021, 16, e0252311.	1.1	1
7	A Milk-Fat Based Diet Increases Metastasis in the MMTV-PyMT Mouse Model of Breast Cancer. Nutrients, 2021, 13, 2431.	1.7	0
8	GRASP55 regulates intraâ€Golgi localization of glycosylation enzymes to control glycosphingolipid biosynthesis. EMBO Journal, 2021, 40, e107766.	3.5	26
9	Targeting sphingosine kinase 1 (SK1) enhances oncogene-induced senescence through ceramide synthase 2 (CerS2)-mediated generation of very-long-chain ceramides. Cell Death and Disease, 2021, 12, 27.	2.7	7
10	Delivery of long chain C₁₆ and C₂₄ ceramide in HeLa cells using oxidized graphene nanoribbons. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1141-1156.	1.6	6
11	Maternal and fetal alkaline ceramidase 2 is required for placental vascular integrity in mice. FASEB Journal, 2020, 34, 15252-15268.	0.2	7
12	Transcriptional Regulation of Sphingosine Kinase 1. Cells, 2020, 9, 2437.	1.8	13
13	Yeast Sphingolipid Phospholipase Gene ISC1 Regulates the Spindle Checkpoint by a CDC55 -Dependent Mechanism. Molecular and Cellular Biology, 2020, 40, .	1.1	6
14	Ceramide launches an acute antiâ€adhesion proâ€migration cell signaling program in response to chemotherapy. FASEB Journal, 2020, 34, 7610-7630.	0.2	27
15	PKCÎ± is required for Akt-mTORC1 activation in non-small cell lung carcinoma (NSCLC) with EGFR mutation. Oncogene, 2019, 38, 7311-7328.	2.6	13
16	Probing compartment-specific sphingolipids with targeted bacterial sphingomyelinases and ceramidases. Journal of Lipid Research, 2019, 60, 1841-1850.	2.0	17
17	Advances in determining signaling mechanisms of ceramide and role in disease. Journal of Lipid Research, 2019, 60, 913-918.	2.0	55
18	Quantifying 1-deoxydihydroceramides and 1-deoxyceramides in mouse nervous system tissue. Prostaglandins and Other Lipid Mediators, 2019, 141, 40-48.	1.0	12

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19	Multiple actions of doxorubicin on the sphingolipid network revealed by flux analysis. Journal of Lipid Research, 2019, 60, 819-831.	2.0	20
20	A novel role for DGATs in cancer. Advances in Biological Regulation, 2019, 72, 89-101.	1.4	19
21	Oxidized graphene nanoparticles as a delivery system for the proâ€apoptotic sphingolipid C₆ ceramide. Journal of Biomedical Materials Research - Part A, 2019, 107, 25-37.	2.1	10
22	Tumor suppressor p53 links ceramide metabolism to DNA damage response through alkaline ceramidase 2. Cell Death and Differentiation, 2018, 25, 841-856.	5.0	54
23	AKT as a key target for growth promoting functions of neutral ceramidase in colon cancer cells. Oncogene, 2018, 37, 3852-3863.	2.6	27
24	Probing de novo sphingolipid metabolism in mammalian cells utilizing mass spectrometry. Journal of Lipid Research, 2018, 59, 1046-1057.	2.0	17
25	An intrinsic lipid-binding interface controls sphingosine kinase 1 function. Journal of Lipid Research, 2018, 59, 462-474.	2.0	28
26	A role for caspaseâ€2 in sphingosine kinase 1 proteolysis in response to doxorubicin in breast cancer cells â€“ implications for the <scp>CHK</scp>1â€suppressed pathway. FEBS Open Bio, 2018, 8, 27-40.	1.0	18
27	Loss of acid ceramidase in myeloid cells suppresses intestinal neutrophil recruitment. FASEB Journal, 2018, 32, 2339-2353.	0.2	22
28	Quantification of 3-ketodihydrosphingosine using HPLC-ESI-MS/MS to study SPT activity in yeast Saccharomyces cerevisiae. Journal of Lipid Research, 2018, 59, 162-170.	2.0	14
29	A novel role for ceramide synthase 6 in mouse and human alcoholic steatosis. FASEB Journal, 2018, 32, 130-142.	0.2	27
30	Decreased ceramide underlies mitochondrial dysfunction in Charcotâ€Marieâ€Tooth 2F. FASEB Journal, 2018, 32, 1716-1728.	0.2	26
31	Long-chain acyl-CoA synthetase 1 interacts with key proteins that activate and direct fatty acids into niche hepatic pathways. Journal of Biological Chemistry, 2018, 293, 16724-16740.	1.6	67
32	Tsc3 regulates SPT amino acid choice in Saccharomyces cerevisiae by promoting alanine in the sphingolipid pathway. Journal of Lipid Research, 2018, 59, 2126-2139.	2.0	11
33	Molecular mechanisms of regulation of sphingosine kinase 1. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1413-1422.	1.2	31
34	Functions of neutral ceramidase in the Golgi apparatus. Journal of Lipid Research, 2018, 59, 2116-2125.	2.0	18
35	Sphingolipids and their metabolism in physiology and disease. Nature Reviews Molecular Cell Biology, 2018, 19, 175-191.	16.1	1,197
36	Identification of an acid sphingomyelinase ceramide kinase pathway in the regulation of the chemokine CCL5 [S]. Journal of Lipid Research, 2018, 59, 1219-1229.	2.0	20

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37	Alkaline ceramidase 2 is essential for the homeostasis of plasma sphingoid bases and their phosphates. FASEB Journal, 2018, 32, 3058-3069.	0.2	31
38	Role of sphingolipids in senescence: implication in aging and age-related diseases. Journal of Clinical Investigation, 2018, 128, 2702-2712.	3.9	125
39	Sphingosine-1-Phosphate Receptor 3 (S1PR3) Promotes Myeloid Commitment of Human Hematopoietic and Leukemic Stem Cells. Blood, 2018, 132, 1329-1329.	0.6	0
40	Ceramide Is Metabolized to Acylceramide and Stored in Lipid Droplets. Cell Metabolism, 2017, 25, 686-697.	7.2	163
41	Inhibiting glucosylceramide synthase exacerbates cisplatin-induced acute kidney injury. Journal of Lipid Research, 2017, 58, 1439-1452.	2.0	35
42	Novel sphingosine kinase-1 inhibitor, LCL351, reduces immune responses in murine DSS-induced colitis. Prostaglandins and Other Lipid Mediators, 2017, 130, 47-56.	1.0	30
43	Alkaline Ceramidase 1 Protects Mice from Premature Hair Loss by Maintaining the Homeostasis of Hair Follicle Stem Cells. Stem Cell Reports, 2017, 9, 1488-1500.	2.3	18
44	Sphingosine Kinase 1 expression in peritoneal macrophages is required for colon carcinogenesis. Carcinogenesis, 2017, 38, 1218-1227.	1.3	24
45	Structure of human nSMase2 reveals an interdomain allosteric activation mechanism for ceramide generation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5549-E5558.	3.3	82
46	Sphingolipids in mitochondria. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 56-68.	1.2	91
47	Sphingolipids in neutrophil function and inflammatory responses: Mechanisms and implications for intestinal immunity and inflammation in ulcerative colitis. Advances in Biological Regulation, 2017, 63, 140-155.	1.4	46
48	Co-ordinated activation of classical and novel PKC isoforms is required for PMA-induced mTORC1 activation. PLoS ONE, 2017, 12, e0184818.	1.1	15
49	Alkaline ceramidase 2 and its bioactive product sphingosine are novel regulators of the DNA damage response. Oncotarget, 2016, 7, 18440-18457.	0.8	39
50	Aging-related elevation of sphingoid bases shortens yeast chronological life span by compromising mitochondrial function. Oncotarget, 2016, 7, 21124-21144.	0.8	19
51	Molecular Characterization of Rice OsLCB2a1 Gene and Functional Analysis of its Role in Insect Resistance. Frontiers in Plant Science, 2016, 7, 1789.	1.7	13
52	Role of neutral ceramidase in colon cancer. FASEB Journal, 2016, 30, 4159-4171.	0.2	56
53	Signal-Oriented Pathway Analyses Reveal a Signaling Complex as a Synthetic Lethal Target for p53 Mutations. Cancer Research, 2016, 76, 6785-6794.	0.4	3
54	Loss of neutral ceramidase protects cells from nutrient- and energy -deprivation-induced cell death. Biochemical Journal, 2016, 473, 743-755.	1.7	31

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55	CHK1 regulates NF-Î²B signaling upon DNA damage in p53- deficient cells and associated tumor-derived microvesicles. Oncotarget, 2016, 7, 18159-18170.	0.8	10
56	Activation of p38 Mitogen-Activated Protein Kinase in Gaucherâ€™s Disease. PLoS ONE, 2015, 10, e0136633.	1.1	16
57	Sphingosine-1-phosphate metabolism: A structural perspective. Critical Reviews in Biochemistry and Molecular Biology, 2015, 50, 298-313.	2.3	30
58	Sphingolipids in the DNA damage response. Advances in Biological Regulation, 2015, 58, 38-52.	1.4	44
59	Critical determinants of mitochondria-associated neutral sphingomyelinase (MA-nSMase) for mitochondrial localization. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 628-639.	1.1	24
60	Intracellular sphingosine kinase 2â€derived sphingosineâ€1â€phosphate mediates epidermal growth factorâ€induced ezrinâ€radixinâ€moesin phosphorylation and cancer cell invasion. FASEB Journal, 2015, 29, 4654-4669.	0.2	59
61	Structural Basis for Ceramide Recognition and Hydrolysis by Human Neutral Ceramidase. Structure, 2015, 23, 1482-1491.	1.6	49
62	A novel role of sphingosine kinaseâ€1 in the invasion and angiogenesis of VHL mutant clear cell renal cell carcinoma. FASEB Journal, 2015, 29, 2803-2813.	0.2	45
63	Tumor Necrosis Factor-Î± (TNFÎ±)-induced Ceramide Generation via Ceramide Synthases Regulates Loss of Focal Adhesion Kinase (FAK) and Programmed Cell Death. Journal of Biological Chemistry, 2015, 290, 25356-25373.	1.6	55
64	Colon Cancer: The Role of Sphingolipid Metabolic Enzymes. , 2015, , 141-159.		1
65	Alkaline Ceramidase 3 Deficiency Results in Purkinje Cell Degeneration and Cerebellar Ataxia Due to Dyshomeostasis of Sphingolipids in the Brain. PLoS Genetics, 2015, 11, e1005591.	1.5	46
66	Sphingolipids in the Pathogenesis of Head and Neck and Lung Cancers: Translational Aspects for Therapy and Biomarker Development. , 2015, , 235-257.		0
67	Interaction of Ceramide Synthase with Long Chain Fatty Acylâ€CoA Synthase 5 Channels de novo Ceramide to Acylceramide Generation by Diacylglycerol Acyltransferase 2 on Lipid Droplets. FASEB Journal, 2015, 29, 568.21.	0.2	0
68	Sphingolipid regulation of ezrin, radixin, and moesin proteins family: Implications for cell dynamics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 727-737.	1.2	49
69	Evolving concepts in cancer therapy through targeting sphingolipid metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1174-1188.	1.2	100
70	Sustained PKCÎ²II activity confers oncogenic properties in a phospholipase Dâ€and mTORâ€dependent manner. FASEB Journal, 2014, 28, 495-505.	0.2	10
71	Defining a Role for Acid Sphingomyelinase in the p38/Interleukin-6 Pathway. Journal of Biological Chemistry, 2014, 289, 22401-22412.	1.6	22
72	The Development and Maintenance of Paclitaxel-induced Neuropathic Pain Require Activation of the Sphingosine 1-Phosphate Receptor Subtype 1. Journal of Biological Chemistry, 2014, 289, 21082-21097.	1.6	123

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73	Distinct Roles for Hematopoietic and Extra-Hematopoietic Sphingosine Kinase-1 in Inflammatory Bowel Disease. PLoS ONE, 2014, 9, e113998.	1.1	22
74	Impact of sphingosine kinase 2 deficiency on the development of TNF-alpha-induced inflammatory arthritis. Rheumatology International, 2013, 33, 2677-2681.	1.5	31
75	Sphingosine Kinase 1 Regulates Tumor Necrosis Factor-mediated RANTES Induction through p38 Mitogen-activated Protein Kinase but Independently of Nuclear Factor ÎºB Activation*. Journal of Biological Chemistry, 2013, 288, 27667-27679.	1.6	33
76	Sphingosine Kinase 1 in Cancer. Advances in Cancer Research, 2013, 117, 201-235.	1.9	89
77	Sphingosine 1-phosphate induces filopodia formation through S1PR2 activation of ERM proteins. Biochemical Journal, 2013, 449, 661-672.	1.7	56
78	Targeting the sphingosine kinase/sphingosine 1-phosphate pathway in disease: Review of sphingosine kinase inhibitors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 157-166.	1.2	102
79	Sphingosine Kinase 1 Is Regulated by Peroxisome Proliferator-activated Receptor Î± in Response to Free Fatty Acids and Is Essential for Skeletal Muscle Interleukin-6 Production and Signaling in Diet-induced Obesity. Journal of Biological Chemistry, 2013, 288, 22193-22206.	1.6	43
80	Regulation of the Sphingosine Kinase/Sphingosine 1-Phosphate Pathway. Handbook of Experimental Pharmacology, 2013, , 275-303.	0.9	28
81	Sphingosine-1-phosphate receptor 2. FEBS Journal, 2013, 280, 6354-6366.	2.2	99
82	Epidermal growth factorâ€induced cellular invasion requires sphingosineâ€1â€phosphate/sphingosineâ€1â€phosphate 2 receptorâ€mediated ezrin activation. FASEB Journal, 2013, 27, 3155-3166.	0.2	31
83	Effect of sphingosine kinase 1 inhibition on blood pressure. FASEB Journal, 2013, 27, 656-664.	0.2	17
84	Inhibition of Sphingosine Kinase-2 in a Murine Model of Lupus Nephritis. PLoS ONE, 2013, 8, e53521.	1.1	34
85	Inhibition of chemotherapyâ€induced neuropathic pain with S1P receptor modulators. FASEB Journal, 2013, 27, 887.12.	0.2	0
86	Ceramide and Apoptosis: Exploring the Enigmatic Connections between Sphingolipid Metabolism and Programmed Cell Death. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 340-363.	0.9	164
87	Dihydroceramide-based response to hypoxia.. Journal of Biological Chemistry, 2012, 287, 17425.	1.6	0
88	Cell density-dependent reduction of dihydroceramide desaturase activity in neuroblastoma cells. Journal of Lipid Research, 2012, 53, 918-928.	2.0	13
89	Oncogenic K-Ras Regulates Bioactive Sphingolipids in a Sphingosine Kinase 1-dependent Manner. Journal of Biological Chemistry, 2012, 287, 31794-31803.	1.6	34
90	Ceramide synthases at the centre of sphingolipid metabolism and biology. Biochemical Journal, 2012, 441, 789-802.	1.7	424

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91	Communication between host organism and cancer cells is transduced by systemic sphingosine kinase 1/sphingosine 1â€phosphate signalling to regulate tumour metastasis. EMBO Molecular Medicine, 2012, 4, 761-775.	3.3	127
92	Sphingolipid Metabolism Cooperates with BAK and BAX to Promote the Mitochondrial Pathway of Apoptosis. Cell, 2012, 148, 988-1000.	13.5	377
93	Loss of neutral ceramidase increases inflammation in a mouse model of inflammatory bowel disease. Prostaglandins and Other Lipid Mediators, 2012, 99, 124-130.	1.0	51
94	CERT depletion predicts chemotherapy benefit and mediates cytotoxic and polyploidâ€specific cancer cell death through autophagy induction. Journal of Pathology, 2012, 226, 482-494.	2.1	48
95	Dysregulation of mitochondrial sphingolipid metabolism after traumatic brain injury. FASEB Journal, 2012, 26, 565.3.	0.2	0
96	Still benched on its way to the bedside: sphingosine kinase 1 as an emerging target in cancer chemotherapy. Critical Reviews in Biochemistry and Molecular Biology, 2011, 46, 342-351.	2.3	39
97	Sphingosine-1-phosphate acting via the S1P1 receptor is a downstream signaling pathway in ceramide-induced hyperalgesia. Neuroscience Letters, 2011, 499, 4-8.	1.0	31
98	Accumulation of Long-Chain Glycosphingolipids during Aging Is Prevented by Caloric Restriction. PLoS ONE, 2011, 6, e20411.	1.1	37
99	Many Ceramides. Journal of Biological Chemistry, 2011, 286, 27855-27862.	1.6	481
100	p53 and regulation of bioactive sphingolipids. Advances in Enzyme Regulation, 2011, 51, 219-228.	2.9	31
101	Impact of Sphingosine Kinase on Inflammatory Pathways in Fibroblast-Like Synoviocytes. Inflammation and Allergy: Drug Targets, 2011, 10, 464-471.	1.8	7
102	Phospholipase C and Protein Kinase C-Î² 2 Mediate Insulin-Like Growth Factor II-Dependent Sphingosine Kinase 1 Activation. Molecular Endocrinology, 2011, 25, 2144-2156.	3.7	18
103	Selective knockdown of ceramide synthases reveals complex interregulation of sphingolipid metabolism. Journal of Lipid Research, 2011, 52, 68-77.	2.0	104
104	Mitochondrially targeted ceramides preferentially promote autophagy, retard cell growth, and induce apoptosis. Journal of Lipid Research, 2011, 52, 278-288.	2.0	43
105	Sphingosine kinase-1 and sphingosine 1-phosphate receptor 2 mediate Bcr-Abl1 stability and drug resistance by modulation of protein phosphatase 2A. Blood, 2011, 117, 5941-5952.	0.6	101
106	Dihydroceramide-based Response to Hypoxia. Journal of Biological Chemistry, 2011, 286, 38069-38078.	1.6	71
107	A Role of Sphingosine Kinase 1 in Head and Neck Carcinogenesis. Cancer Prevention Research, 2011, 4, 454-462.	0.7	68
108	Intraplantarâ€injected ceramide in rats induces hyperalgesia through an NFâ€Î²Bâ€and p38 kinaseâ€dependent cyclooxygenase 2/prostaglandin E₂pathway. FASEB Journal, 2011, 25, 2782-2791.	0.2	28

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109	Identification of Dihydroceramide Desaturase as a Direct in Vitro Target for Fenretinide. Journal of Biological Chemistry, 2011, 286, 24754-24764.	1.6	104
110	Novel Pathway of Ceramide Production in Mitochondria. Journal of Biological Chemistry, 2011, 286, 25352-25362.	1.6	89
111	Ceramide Synthase-dependent Ceramide Generation and Programmed Cell Death. Journal of Biological Chemistry, 2011, 286, 15929-15942.	1.6	85
112	Regulation of CC Ligand 5/RANTES by Acid Sphingomyelinase and Acid Ceramidase. Journal of Biological Chemistry, 2011, 286, 13292-13303.	1.6	30
113	Developmentally Regulated Ceramide Synthase 6 Increases Mitochondrial Ca2+ Loading Capacity and Promotes Apoptosis. Journal of Biological Chemistry, 2011, 286, 4644-4658.	1.6	73
114	A Deficiency of Ceramide Biosynthesis Causes Cerebellar Purkinje Cell Neurodegeneration and Lipofuscin Accumulation. PLoS Genetics, 2011, 7, e1002063.	1.5	137
115	Role of sphingosine kinaseâ€1 in paracrine/transcellular angiogenesis and lymphangiogenesis in vitro. FASEB Journal, 2010, 24, 2727-2738.	0.2	88
116	The Role of Ceramide in Cell Regulation. , 2010, , 1201-1211.		1
117	Differential Effects of Ceramide and Sphingosine 1-Phosphate on ERM Phosphorylation. Journal of Biological Chemistry, 2010, 285, 32476-32485.	1.6	66
118	Alkaline Ceramidase 3 (ACER3) Hydrolyzes Unsaturated Long-chain Ceramides, and Its Down-regulation Inhibits Both Cell Proliferation and Apoptosis. Journal of Biological Chemistry, 2010, 285, 7964-7976.	1.6	75
119	Genetic Sphingosine Kinase 1 Deficiency Significantly Decreases Synovial Inflammation and Joint Erosions in Murine TNF-Î±â€“Induced Arthritis. Journal of Immunology, 2010, 185, 2570-2579.	0.4	83
120	Role of alkaline ceramidases in the generation of sphingosine and its phosphate in erythrocytes. FASEB Journal, 2010, 24, 2507-2515.	0.2	43
121	Alkaline Ceramidase 2 (ACER2) and Its Product Dihydrosphingosine Mediate the Cytotoxicity of N-(4-Hydroxyphenyl)retinamide in Tumor Cells. Journal of Biological Chemistry, 2010, 285, 29078-29090.	1.6	46
122	Sphingosine 1-Phosphate and Sphingosine Kinase Are Involved in a Novel Signaling Pathway Leading to Acrosomal Exocytosis. Journal of Biological Chemistry, 2010, 285, 16302-16314.	1.6	28
123	Substrate Specificity, Membrane Topology, and Activity Regulation of Human Alkaline Ceramidase 2 (ACER2). Journal of Biological Chemistry, 2010, 285, 8995-9007.	1.6	49
124	The BCL-2 Protein BAK Is Required for Long-chain Ceramide Generation during Apoptosis. Journal of Biological Chemistry, 2010, 285, 11818-11826.	1.6	109
125	An Overview of Sphingolipid Metabolism: From Synthesis to Breakdown. Advances in Experimental Medicine and Biology, 2010, 688, 1-23.	0.8	786
126	Sphingosine kinase: Role in regulation of bioactive sphingolipid mediators in inflammation. Biochimie, 2010, 92, 707-715.	1.3	146

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127	Role for sphingosine kinase 1 in colon carcinogenesis. FASEB Journal, 2009, 23, 405-414.	0.2	241
128	Acid Î²-Glucosidase 1 Counteracts p38Î´-dependent Induction of Interleukin-6. Journal of Biological Chemistry, 2009, 284, 12979-12988.	1.6	50
129	ISC1-dependent Metabolic Adaptation Reveals an Indispensable Role for Mitochondria in Induction of Nuclear Genes during the Diauxic Shift in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2009, 284, 10818-10830.	1.6	58
130	Alkaline ceramidase 2 regulates Î²1 integrin maturation and cell adhesion. FASEB Journal, 2009, 23, 656-666.	0.2	34
131	Involvement of Acid Î²-Glucosidase 1 in the Salvage Pathway of Ceramide Formation. Journal of Biological Chemistry, 2009, 284, 12972-12978.	1.6	46
132	Disruption of ceramide synthesis by CerS2 down-regulation leads to autophagy and the unfolded protein response. Biochemical Journal, 2009, 424, 273-283.	1.7	115
133	AMPK inhibitor Compound C stimulates ceramide production and promotes Bax redistribution and apoptosis in MCF7 breast carcinoma cells. Journal of Lipid Research, 2009, 50, 2389-2397.	2.0	97
134	A role for sphingosine kinase 1 in dextran sulfate sodiumâ€induced colitis. FASEB Journal, 2009, 23, 143-152.	0.2	173
135	Principles of bioactive lipid signalling: lessons from sphingolipids. Nature Reviews Molecular Cell Biology, 2008, 9, 139-150.	16.1	2,820
136	Upregulation of the Human Alkaline Ceramidase 1 and Acid Ceramidase Mediates Calcium-Induced Differentiation of Epidermal Keratinocytes. Journal of Investigative Dermatology, 2008, 128, 389-397.	0.3	76
137	Dual and distinct roles for sphingosine kinase 1 and sphingosine 1 phosphate in the response to inflammatory stimuli in RAW macrophages. Prostaglandins and Other Lipid Mediators, 2008, 85, 107-114.	1.0	91
138	De novo N-palmitoylsphingosine synthesis is the major biochemical mechanism of ceramide accumulation following p53 up-regulation. Prostaglandins and Other Lipid Mediators, 2008, 86, 41-48.	1.0	55
139	Ceramidases: regulators of cellular responses mediated by ceramide, sphingosine, and sphingosine-1-phosphate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 424-434.	1.2	342
140	Sphingosine Kinase 1 Is Up-regulated during Hypoxia in U87MG Glioma Cells. Journal of Biological Chemistry, 2008, 283, 3365-3375.	1.6	127
141	Long-chain Ceramide Is a Potent Inhibitor of the Mitochondrial Permeability Transition Pore. Journal of Biological Chemistry, 2008, 283, 24707-24717.	1.6	36
142	Ceramide Generated by Sphingomyelin Hydrolysis and the Salvage Pathway Is Involved in Hypoxia/Reoxygenation-induced Bax Redistribution to Mitochondria in NT-2 Cells. Journal of Biological Chemistry, 2008, 283, 26509-26517.	1.6	71
143	Hyaluronan Constitutively Regulates Activation of COX-2-mediated Cell Survival Activity in Intestinal Epithelial and Colon Carcinoma Cells. Journal of Biological Chemistry, 2008, 283, 14335-14344.	1.6	90
144	A novel role for protein kinase CÎ´â€mediated phosphorylation of acid sphingomyelinase in UV lightâ€induced mitochondrial injury. FASEB Journal, 2008, 22, 183-193.	0.2	70

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145	Molecular Targeting of Acid Ceramidase: Implications to Cancer Therapy. Current Drug Targets, 2008, 9, 653-661.	1.0	67
146	JNK3 Signaling Pathway Activates Ceramide Synthase Leading to Mitochondrial Dysfunction. Journal of Biological Chemistry, 2007, 282, 25940-25949.	1.6	132
147	The Localization and Activity of Sphingosine Kinase 1 Are Coordinately Regulated with Actin Cytoskeletal Dynamics in Macrophages*. Journal of Biological Chemistry, 2007, 282, 23147-23162.	1.6	32
148	Involvement of Dihydroceramide Desaturase in Cell Cycle Progression in Human Neuroblastoma Cells. Journal of Biological Chemistry, 2007, 282, 16718-16728.	1.6	153
149	Alterations of Ceramide/Sphingosine 1-Phosphate Rheostat Involved in the Regulation of Resistance to Imatinib-induced Apoptosis in K562 Human Chronic Myeloid Leukemia Cells*. Journal of Biological Chemistry, 2007, 282, 10922-10934.	1.6	193
150	Combination of C17 Sphingoid Base Homologues and Mass Spectrometry Analysis as a New Approach to Study Sphingolipid Metabolism. Methods in Enzymology, 2007, 434, 233-241.	0.4	31
151	The functional effects of acid ceramidase over-expression in prostate cancer progression and resistance to chemotherapy. Cancer Biology and Therapy, 2007, 6, 1451-1456.	1.5	101
152	The Insulin-like Growth Factor Type 1 and Insulin-like Growth Factor Type 2/Mannose-6-phosphate Receptors Independently Regulate ERK1/2 Activity in HEK293 Cells. Journal of Biological Chemistry, 2007, 282, 26150-26157.	1.6	52
153	Activation of sphingosineâ€1â€phosphate receptor S1P5 inhibits oligodendrocyte progenitor migration. FASEB Journal, 2007, 21, 1503-1514.	0.2	156
154	Yeast sphingolipids: Recent developments in understanding biosynthesis, regulation, and function. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 421-431.	1.2	116
155	Isc1 regulates sphingolipid metabolism in yeast mitochondria. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2849-2861.	1.4	81
156	Sphingolipid signaling in the regulation of vascular network assembly. FASEB Journal, 2007, 21, A35.	0.2	0
157	Metabolism and Function of Sphingolipids in Saccharomyces Cerevisiae: Relevance to Cancer Research. , 2007, , 191-210.		0
158	Acid Ceramidase but Not Acid Sphingomyelinase Is Required for Tumor Necrosis Factor-Î±-induced PGE2 Production. Journal of Biological Chemistry, 2006, 281, 24695-24703.	1.6	60
159	Modulation of total Akt kinase by increased expression of a single isoform: Requirement of the sphingosine-1-phosphate receptor, Edg3/S1P3, for the VEGF-dependent expression of Akt3 in primary endothelial cells. Experimental Cell Research, 2006, 312, 1164-1173.	1.2	29
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